

MONITORING THE METROSAFE 800MHz ASTRO 25 RADIO SYSTEM

The MetroSafe 800MHz Public Safety Radio system is a 13 site 24 channel simulcast digital 800MHz ASTRO 25 system which means that only a digital trunk tracking P25 scanner will be capable of monitoring our public safety talk groups (see Note 1 below) or any of our Local Government public service talk groups in the Louisville Metro area.

The older systems you listened to for the last 40 years are called (Conventional Analog) and operated in the UHF, VHF and 800MHz bands. Most of these analog systems will no longer be operational after January 2013 due to the narrow-banding of frequencies mandated by the FCC. Page 2 of this document has the analog frequencies still in use by MetroSafe and the agencies it serves (as of December 2012), as well as the NOAA frequency for Louisville/Jefferson County Kentucky, and tips/frequencies for programming a capable scanner to monitor the MetroSafe Public Safety Radio System. Page 3 of this document are the talk-groups that are not encrypted (as of December 2012).

In order to monitor the new digital 800MHz ASTRO 25 system you will need to purchase a new digital trunk tracking scanner made by companies such as Uniden, GRE or Radio Shack. These manufacturers have been making digital 800MHz P25 scanners for a few years and they can readily be found on the internet and in the stores. Expect to pay more for these units than you did for your older models. Programming software can usually be purchased from the manufacturer or retail outlet who sells these products. There are also



Note 1: All EMS talk-groups are encrypted and cannot be monitored.

CHANNEL NAME	CHANNEL USAGE	FREQUENCY	CTCSS	FIPS
LMPD SUBURBAN F-3	VHF BACKUP FOR LMPD	155.5800	146.2	-NA-
NOTE: SUBURBAN F-3 IS SIMULCAST ON TALK-GROUP 1 (POLICE 1)				
LMPD URBAN CHANNEL-5	UHF BACKUP FOR LMPD	460.1000	192.8	-NA-
NOTE: URBAN CHANNEL-5 IS SIMULCAST ON TALK-GROUP 3 (POLICE 3)				
LMEMS MED 10	UHF BACKUP FOR LMEMS	462.9750	91.5	-NA-
NOTE: LMEMS MED-10 IS SIMULCAST ON TALK-GROUP 401 (MED 1)				
JCF PAGE	VHF SUBURBAN FIRE DISPATCH	152.0075	151.4	-NA-
NOTE: JCF PAGE (VHF) IS SIMULCAST ON TALK-GROUP 209 (JCF PAGE)				
NOAA CHANNEL D	NATIONAL WEATHER SERVICE LOUISVILLE	162.4750	-NA-	021111
NOTE: NOAA AND THEIR TRANSMITTERS ARE NOT CONTROLLED BY MetroSafe				

PROGRAMMING INFORMATION FOR MetroSafe 800MHz ASTRO 25 RADIO SYSTEM

Program all of the frequencies listed to the right as the Control Channel frequency if possible, because it may change periodically. This will insure proper scanner operation if our Control Channel changes.

P25 Frequencies		
854.2125	856.9375	858.4625
854.4875	857.2125	858.7625
854.7375	857.4375	858.9375
855.3625	857.4625	859.2125
856.2125	857.7625	859.4375
856.4375	857.9375	859.4625
856.4625	858.2125	859.7625
856.7625	858.4375	859.9375

On the next page are the official MetroSafe Talk-Group names and Talk-Group ID's (as of December 2012). When programmed into the scanner, this information will allow it to display a name instead of just a talk-group number. This permits the listener to quickly identify the agency.

Most scanners have "ID scan" which attempts to lock in on any active talk-group. This is normally not a problem unless a talk-group is encrypted which may result in a garbled or whooshing sound. It is recommended that if a scanner continuously stops on an encrypted talk-group, just lock the talk-group out. Most scanners have a lockout feature button.

Agency Type	Talk-Group	TG-ID
Law Enforcement	POLICE 1	1
Law Enforcement	POLICE 2	2
Law Enforcement	POLICE 3	3
Law Enforcement	POLICE 4	4
Law Enforcement	PD ATG	32
Law Enforcement	JCSO 1	41
Law Enforcement	JCSO 2	60
Law Enforcement	JCSO 3	40
Law Enforcement	JCSO 4	61
Law Enforcement	ULPD TRF	47
Law Enforcement	ULPD DTL	48
Law Enforcement	JTN PD 1	51
Law Enforcement	JTN PD 2	52
Law Enforcement	SHV PD 1	56
Law Enforcement	STM PD 1	58
Law Enforcement	STM PD 2	59
Law Enforcement	ANCH PD 1	67
Law Enforcement	ANCH PD 2	68
Fire	FIRE 1	201
Fire	FIRE 2	202
Fire	FIRE 3	203
Fire	FIRE 4	204
Fire	FIRE 5	205
Fire	FIRE 6	206
Fire	FIRE 7	207
Fire	FIRE 8	208
Fire	LFR ALERT	209
Fire	JCF PAGE	210
Fire	LFD TAC	212
Fire	FD TAC 11	213
Fire	FD TAC 12	214

Agency Type	Talk-Group	TG-ID
Fire	FD TAC 16	215
Fire	FD TAC 18	216
Fire	FD TAC 20	217
Fire	FD TAC 22	218
Fire	FD TAC 26	219
Fire	FD TAC 33	221
Fire	FD TAC 37	222
Fire	FD TAC 40	223
Fire	FD TAC 50	224
Fire	FD TAC 55	225
Fire	FD TAC 71	226
Fire	FD TAC 77	227
Fire	FD TAC 80	228
Fire	FD TAC 90	229
Fire	FD TAC 99	230
Fire	FD ATG	231
Fire	FTAC ATG	232
Fire	ARSON 1	233
Fire	FD TAC 1	235
Fire	FD TAC 2	236
Local Govt	PS 1	601
Local Govt	ELECMT	602
Local Govt	EXTMAIN	605
Local Govt	FAC OPS	606
Local Govt	JUVDET	608
Local Govt	SPARE	609
Local Govt	SIGNS	610
Local Govt	PARKS OPS	611
Local Govt	OPNSPC	612
Local Govt	ROADS	613
Local Govt	SWM 400	614

Agency Type	Talk-Group	TG-ID
Local Govt	SWM 300	615
Local Govt	SWMSSUP	616
Local Govt	WORKS	617
Local Govt	PARKS TAC	618
Local Govt	PARKS CMD	619
Local Govt	FAC TAC	620
Local Govt	FAC CMD	621
Local Govt	PARC OPS 1	622
Local Govt	PARC OPS 2	623
Local Govt	WKS CMD	628
Local Govt	JUV CMD	629
Local Govt	ELEC CMD	630
Local Govt	MAS CMD	631
Local Govt	SIGN CMD	632
Local Govt	OPN CMD	634
Local Govt	EXT CMD	635
Local Govt	ZOO CMD	636
Local Govt	ZOO	639
Local Govt	MAS	640
Local Govt	YDS 1	641
Local Govt	YDS 2	642
Local Govt	YDS 3	643
Local Govt	YDS TAC	644
Local Govt	PARC OPS 3	645
Local Govt	PARC OPS 4	646
Interoperability	MUTAID 1	801
Interoperability	MUTAID 2	802
Interoperability	MUTAID 3	803
Interoperability	MUTAID 4	804
Interoperability	EVENT 1	805
Interoperability	EVENT 2	806

Agency Type	Talk-Group	TG-ID
Interoperability	EVENT 3	807
Interoperability	EVENT 4	808
Interoperability	EVENT 5	809
Interoperability	EVENT 6	810
Interoperability	EVENT 7	811
Interoperability	EVENT 8	812
Interoperability	EVENT 9	813
Interoperability	EVENT 10	814
Interoperability	I ATG 1	815
Utilities	JCTC 1	1001
Utilities	JCTC 2	1002
Utilities	JCTC 3	1003
Utilities	MSD 1	1004
Utilities	MSD 2	1005
Utilities	MSD 3	1006
Transportation	AIRPORT 1	1601
Transportation	AIRPORT 2	1602
Transportation	AIRPORTAC 1	1603
Transportation	LRAA	1604
Transportation	LRAA	1605
Transportation	LRAA	1606
Transportation	LRAA	1607
Transportation	TARC BUS 1	1608
Transportation	TARC BUS 2	1609
Transportation	TARC CMD 1	1610
Transportation	TARC COVRT	1611
Transportation	TARC MAINT	1612
Transportation	TARC SFTY	1613
Transportation	TARC F/B	1614
Transportation	TRIMARC	1615